



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION:

Series "4030-HVHZ" Aluminum Window Wall Window System w/ Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-02138, Series titled "4030 Aluminum Window Wall Large Missile Impact – HVHZ", sheets 01 through 09 of 09, dated 07/17/13 with the latest revision dated 02/20/14, prepared by manufacture, signed and sealed by Luis R. Lomas, P. E., bearing the Miami-Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
3/28/14

NOA No. 13-0815.06
Expiration Date: April 03, 2019
Approval Date: April 03, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **08-02138**, Series titled "**4030 Aluminum Window Wall Large Missile Impact - HVHZ**", sheets 01 through 09 of 09, dated 07/17/13 with the latest revision dated 02/20/14, prepared by manufacture, signed and sealed by Luis R. Lomas, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of an Aluminum Window Wall System w/ single hung window, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3869-1A**, dated 03/25/13, signed and sealed by Gerard J. Ferrara, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 07/15/13, prepared, dated 03/13/14, signed and sealed by Luis R. Lomas, P. E.
2. **Glazing complies with ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, dated 07/16/13, signed and sealed by Luis R. Lomas, P.E.
2. Laboratory compliance letter for Test Report No. **NCTL-210-3869-1A**, issued by National Certified Testing Laboratories, Inc., dated 03/25/13, signed and sealed by Gerard J. Ferrara, P. E.

G. OTHERS

1. None.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-0815.06
Expiration Date: April 03, 2019
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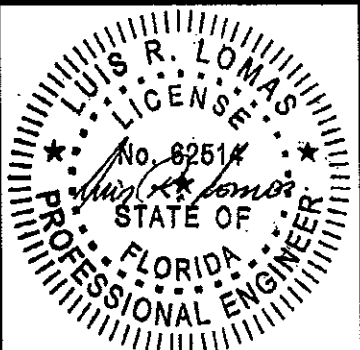
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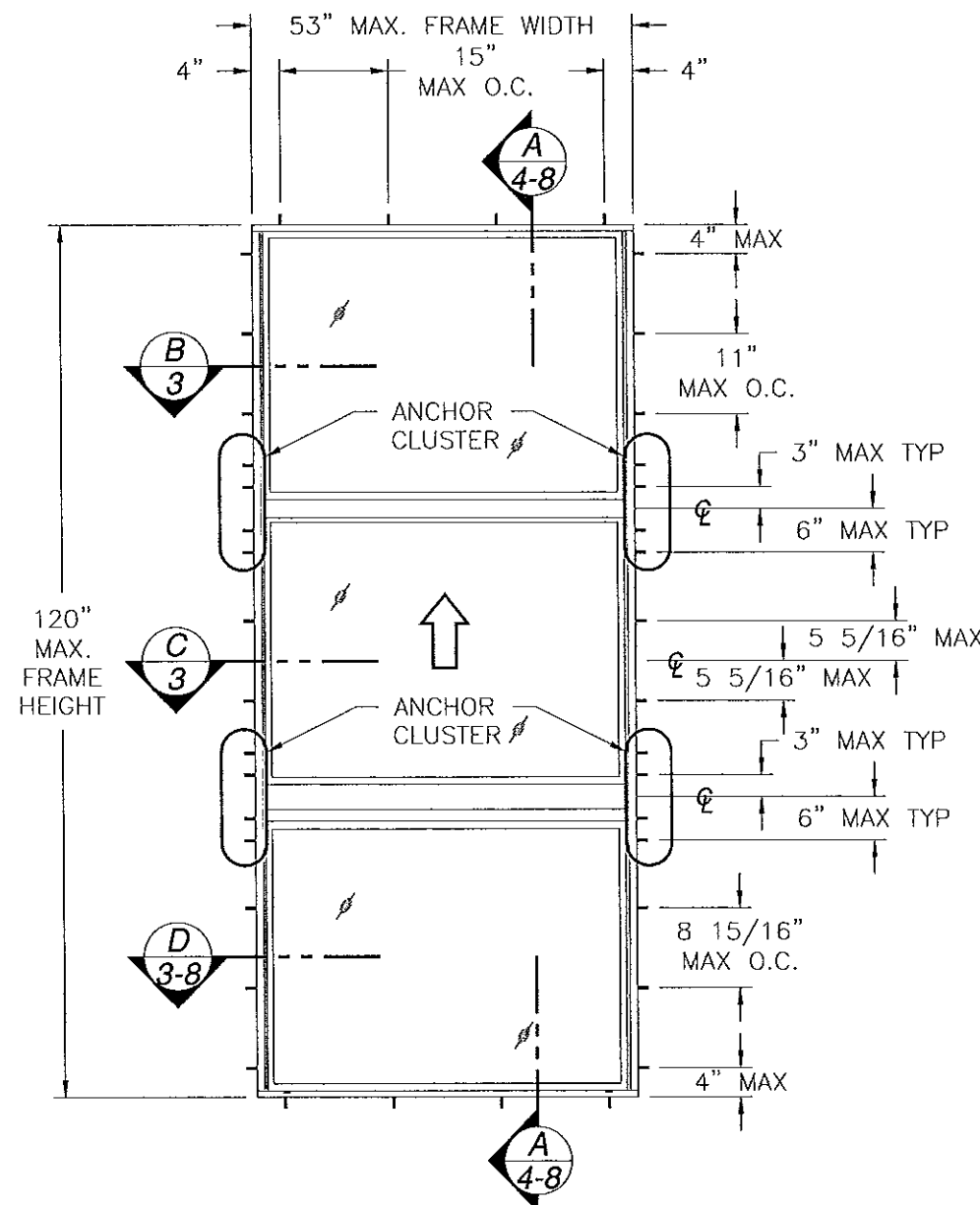
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS (WOOD TO WOOD ONLY PER NDS 2005).
5. FRAME MATERIAL: ALUMINUM 6063-T6
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 3 FOR GLASS OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #14 CUT-THREAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE ALL #14 GRADE 5 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. FOR ANCHORING INTO ALUMINUM STRUCTURE USE ALL #14 GRADE 5 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
13. ALL FASTENERS TO BE CORROSION RESISTANT.
14. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF $G=0.42$
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90-11b, NORMAL WEIGHT WITH MINIMUM 1,900 PSI STRENGTH, MORTAR "N" PER ASTM C270-12, ASTM C1384-06a AND ASTM C1714-10, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 16GA, (.0635" OR 63.5MIL) PER AISC & AISI 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 4	CROSS SECTIONS
5 - 8	INSTALLATION DETAILS
9	COMPONENTS

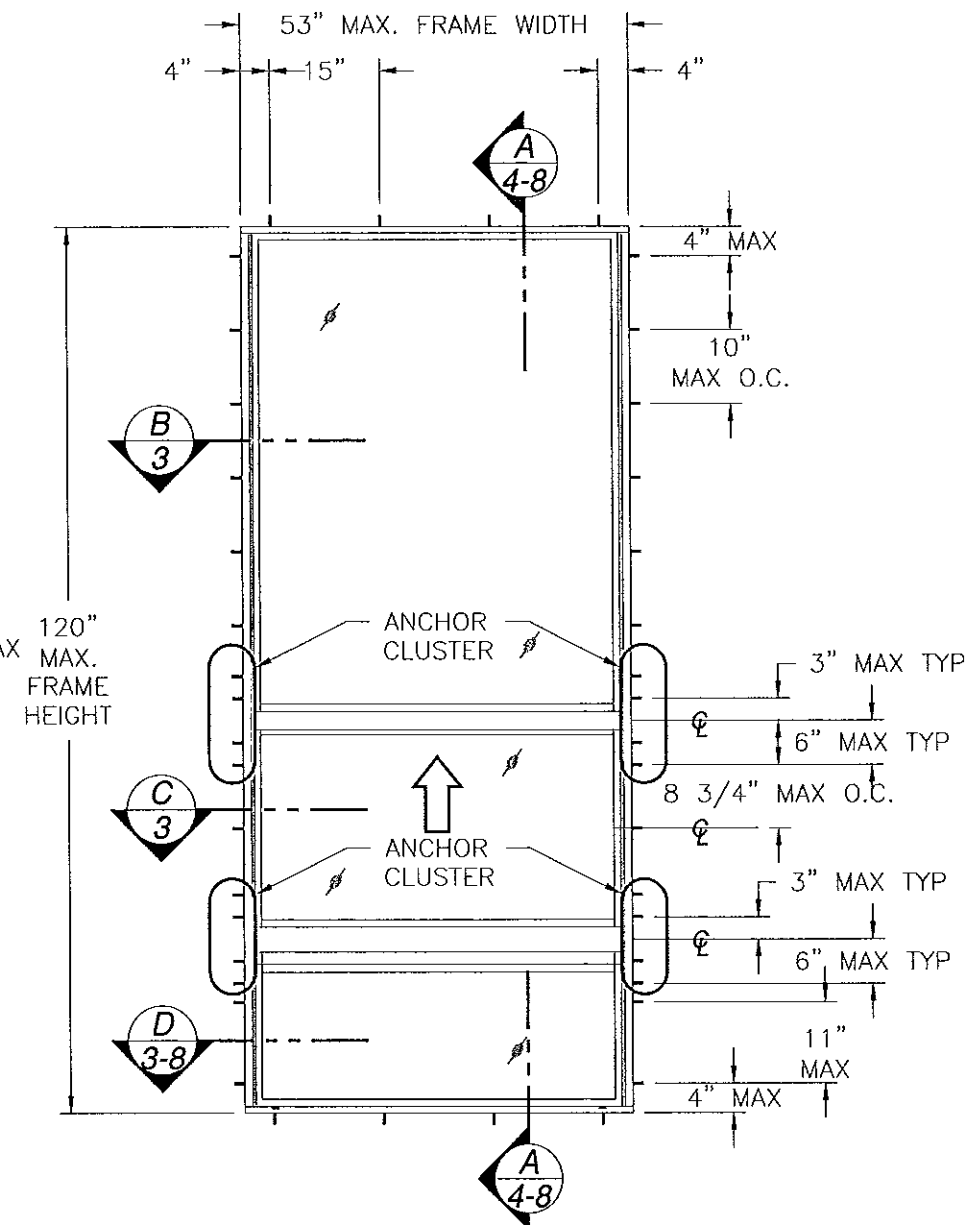
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.

SIGNED: 02/21/2014

		WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
		4030 ALUMINUM WINDOW WALL LARGE MISSILE IMPACT - HVHZ NOTES			
DRAWN: V.L.		DWG NO. 08-02138		REV A	
SCALE NTS		DATE 07/17/13		SHEET 1 OF 9	



4030 ALUMINUM WINDOW WALL EQUAL LITE
EXTERIOR VIEW



4030 ALUMINUM WINDOW WALL - ORIEL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+120.0/-150.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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- NOTES:
1. EQUAL LITE SINGLE HUNG SASH DLO: 48 1/4" X 34 31/32"
 2. EQUAL LITE SINGLE HUNG FIXED LITE DLO: 48 1/4" X 34 31/32"
 3. EQUAL LITE FIXED LITE DLO: 48 1/4" X 35"
 4. ORIEL SINGLE HUNG SASH DLO: 48 1/4" X 20 11/16"
 5. ORIEL SINGLE HUNG FIXED LITE DLO: 48 1/4" X 64"
 6. ORIEL FIXED LITE DLO: 48 1/4" X 20 5/16"
 7. WEEP HOLES CUT OUTS ARE LOCATED AT EACH CORNER OF SILL FACE.

Approved as complying with the
Florida Building Code
Date 02/03/14
NOAH
Miami Dade Product Control
By [Signature]

WinDoor
INCORPORATED

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ORLANDO, FL 32832
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Fax: 407.481.0505
www.windoorinc.com

4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT - HVHZ
ELEVATIONS

DRAWN: V.L.
SCALE NTS
DATE 07/17/13
DWG NO. 08-02138
SHEET 2 OF 9
REV A

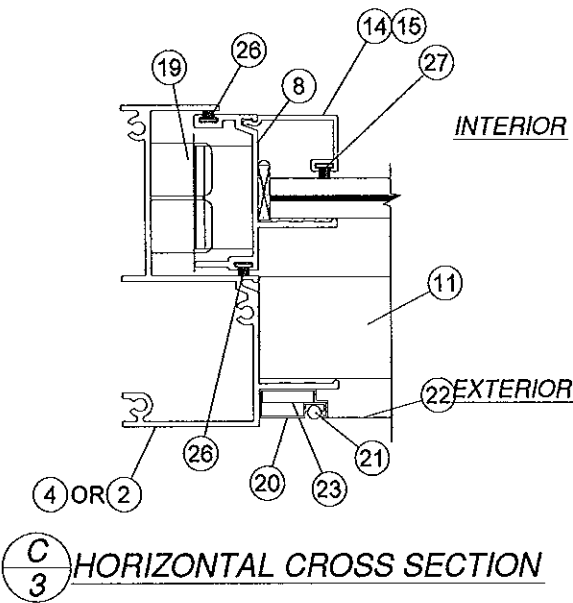
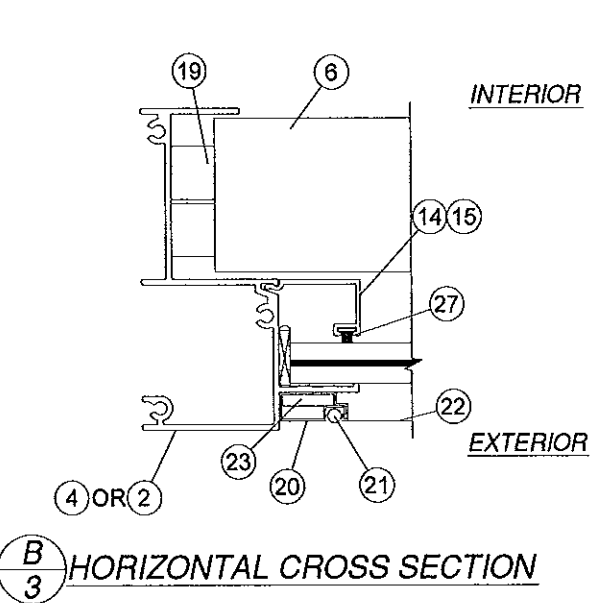
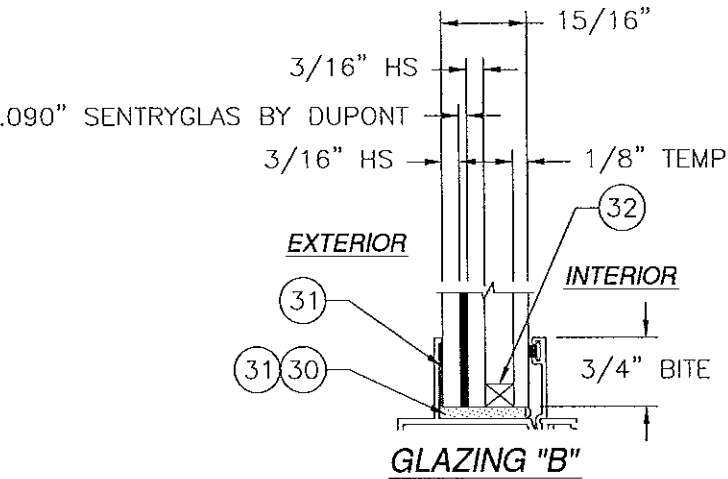
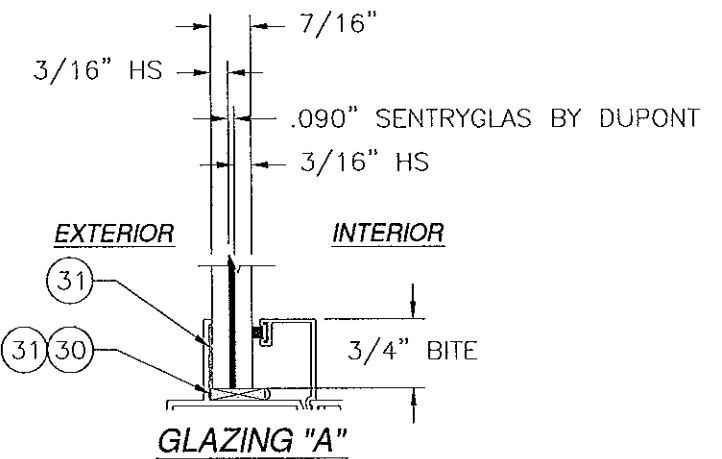
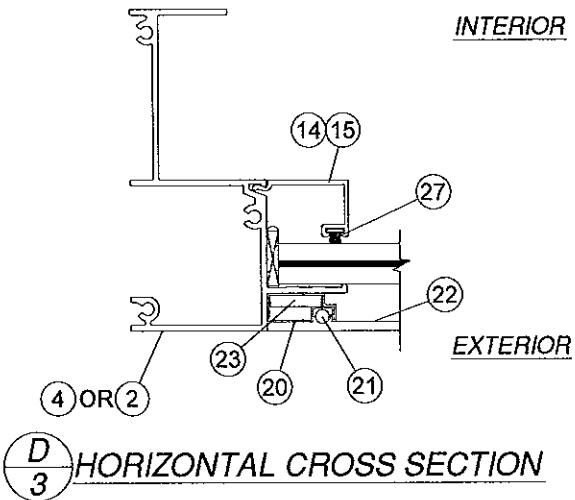
SIGNED: 02/21/2014

LUIS R. LOMAS
LICENSE No. 62514
STATE OF FLORIDA
PROFESSIONAL ENGINEER

[Signature]

BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	FS-07419	FRAME HEAD & SILL EQUAL LEG	KEYMARK	ALUMINUM 6063-T6
2	FS-06614	FRAME JAMB EQUAL LEG	KEYMARK	ALUMINUM 6063-T6
3	FS-07418	FRAME HEAD & SILL FLANGE	KEYMARK	ALUMINUM 6063-T6
4	FS-06663	FRAME JAMB FLANGE	KEYMARK	ALUMINUM 6063-T6
5	FH-06615	FIXED MEETING RAIL	KEYMARK	ALUMINUM 6063-T6
6	FH-06616	MEETING RAIL	KEYMARK	ALUMINUM 6063-T6
7	FH-07734	SASH BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
8	FS-06618	SASH JAMB	KEYMARK	ALUMINUM 6063-T6
9	FS-06671	HEAD FILLER	KEYMARK	ALUMINUM 6063-T6
10	FS-04501	JAMB TRACK RECESSED COVER	KEYMARK	ALUMINUM 6063-T6
11	FH-06669	HORIZONTAL IMPOST	KEYMARK	ALUMINUM 6063-T6
12	FH-07492	FIXED MEETING RAIL REINFORCEMENT	KEYMARK	ALUMINUM 6063-T6
13	FH-07493	SASH MEETING RAIL REINFORCEMENT	KEYMARK	ALUMINUM 6063-T6
14	FS-06667	7/16" GLASS STOP	KEYMARK	ALUMINUM 6063-T6
15	FS-07353	1" GLASS STOP	KEYMARK	ALUMINUM 6063-T6
16		NOT USED		
17	FS-07327	SILL SNAP LOCK	KEYMARK	ALUMINUM 6063-T6
18	H4000-BL-SL202	SASH LOCK	SULLIVAN & ASSOC.	ALUMINUM 6063-T6
19		SPIRAL OR BLOCK & TACKLE BALANCES	CALDWELL	
20	S4000-XX-150	SCREEN HEAD, JAMB & SILL	ROLLFORM	ALUMINUM 6063-T6
21	S10010-BL-2200R	SCREEN SPLINE	TEAM PLASTICS	VINYL
22	SBV-XX-0600Z	SCREEN CLOTH	PHIFER	FIBERGLASS
23	54080-ML-FB11	SCREEN CORNER KEY	SELJAN	NYLON
24	122003	.187x.350 ULTRAFAB FINSEAL	ULTRAFAB	
25	W4000-BL-SCE42	1.3x1.75x.375 CLOSED CELL FOAM PAD	FRANK LOWE	NEOPRENE
26	122001	.187x.220 ULTRAFAB FINSEAL	ULTRAFAB	
27	4000SH-BL-TP-1104	GLASS STOP VINYL	TEAM PLASTICS	VINYL
28	131096	#6x3/4" FH PHILLIPS SMS SCREW		STAINLESS STEEL
29	131014	#8x1" SQ DRIVE PH SMS SCREW		STAINLESS STEEL
30	121104	GLASS SHIM	FRANK LOWE	85 DUROMETER
31	SIKA 553	SEALANT	SIKA	URETHANE
32		3/8 SPACER	HELIMA	ALUMINUM AW3000FF

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.



Approved as complying with the Florida Building Code
Date 02/03/14
NOAH
Miami Code Product Control

13-0815.06

WinDoor
INCORPORATED

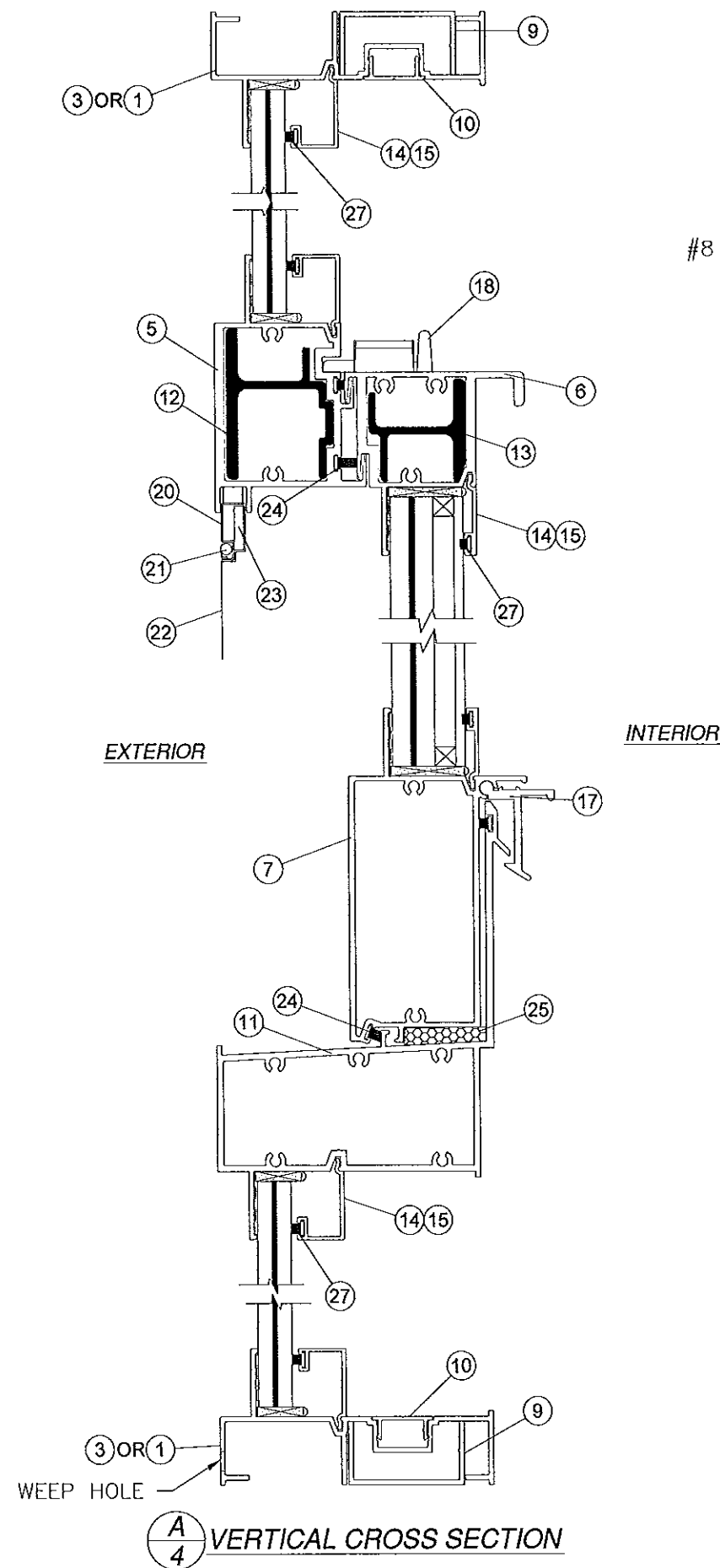
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT - HVHZ
B.O.M., CROSS SECTIONS & GLAZING DETAILS

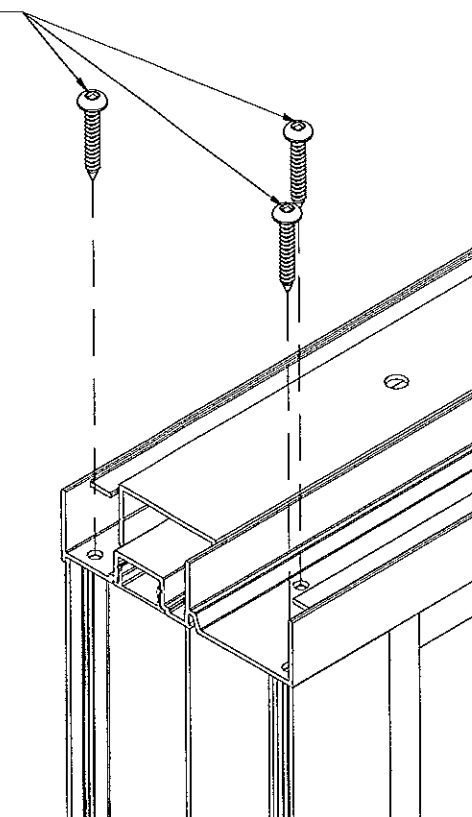
DRAWN: V.L.	DWG NO. 08-02138	REV A
SCALE NTS	DATE 07/17/13	SHEET 3 OF 9

SIGNED: 02/21/2014

LUIS R. LOMAS
LICENSE
No. 82514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER



#8 X 3/4" GRADE 5 SMS OR
SELF DRILLING
SCREW



CORNER DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.

SIGNED: 02/21/2014

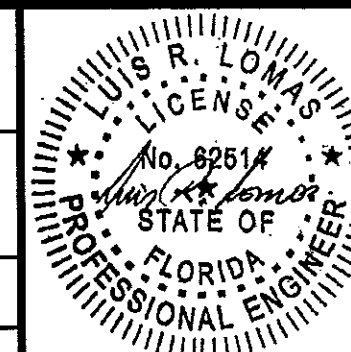
Approved as complying with the
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Date 02/03/14
NOAH
Miami Dade Product Control
By *[Signature]*

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INCORPORATED

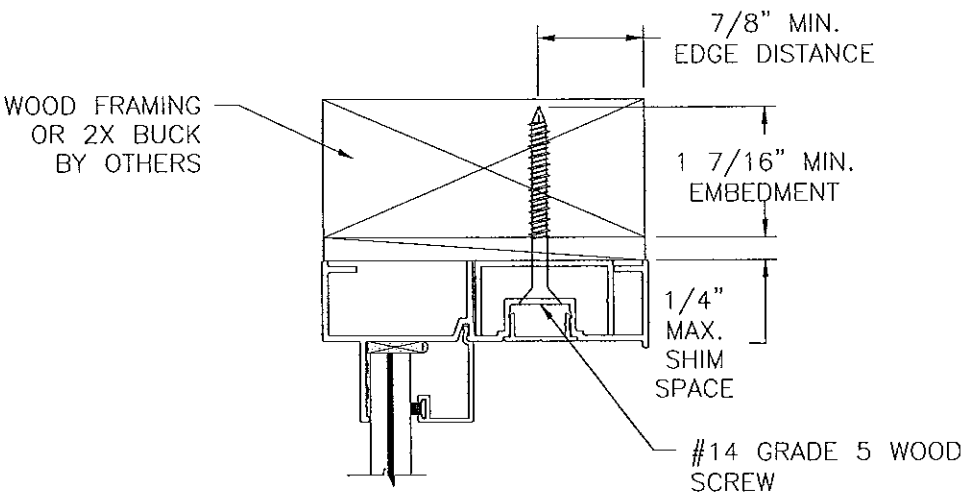
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Fax: 407.481.0505
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4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT - HVHZ
VERTICAL CROSS SECTION

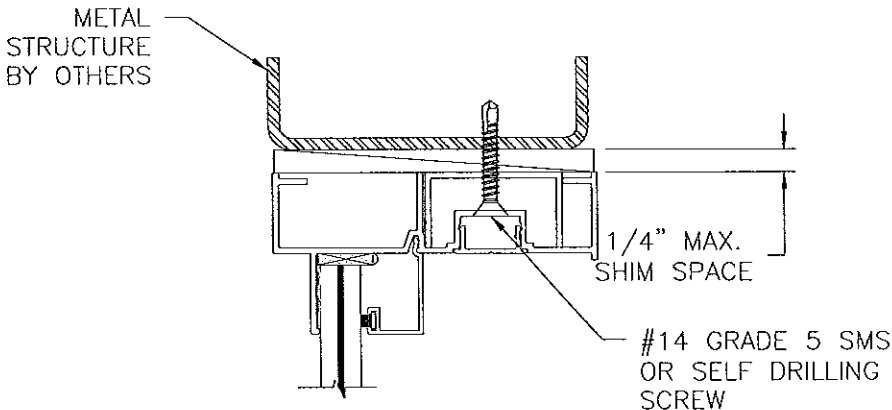
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SCALE NTS	DATE 07/17/13	SHEET 4 OF 9



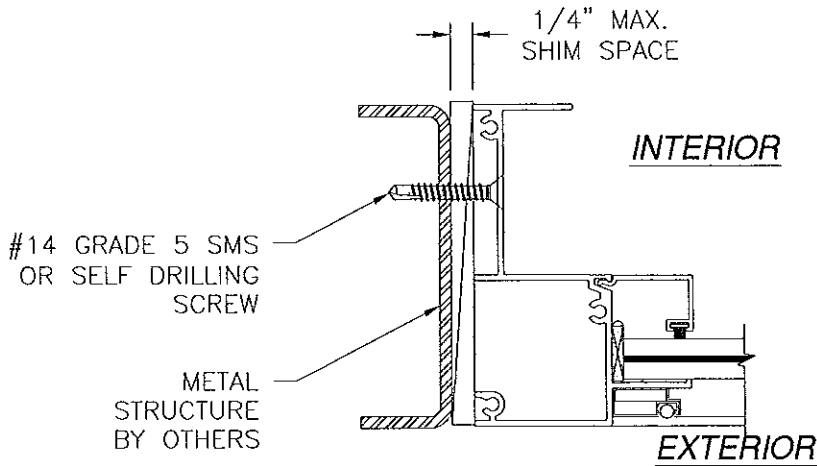
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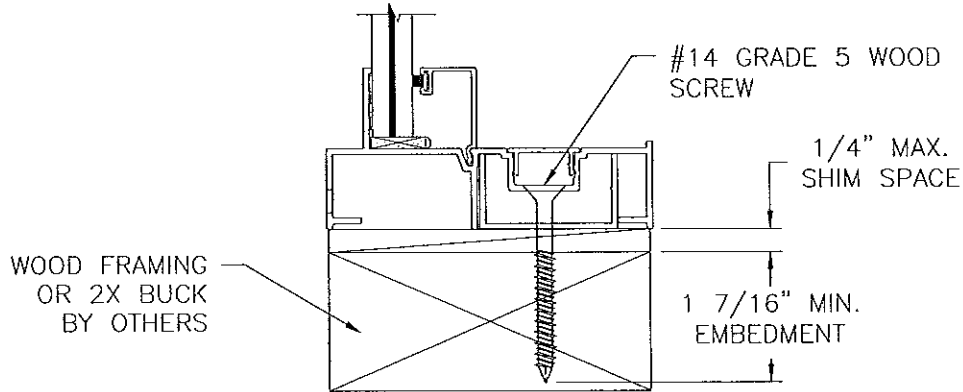
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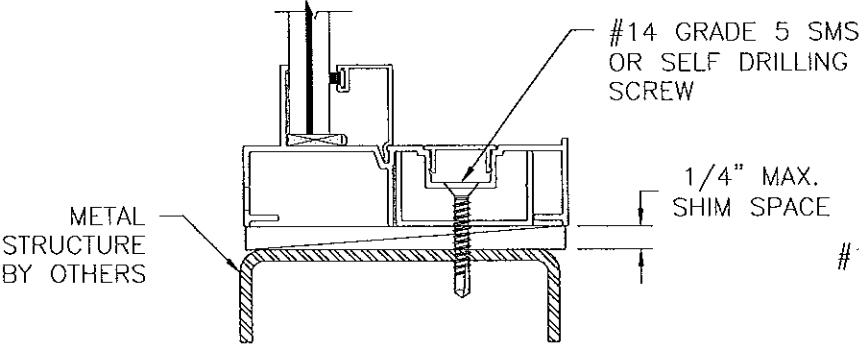
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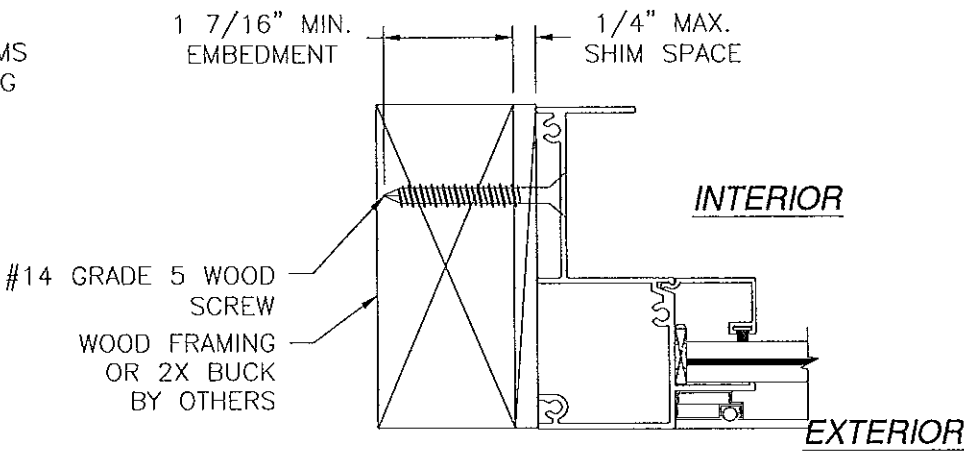
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

NOTE:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS,
NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE
DESIGNED IN ACCORDANCE WITH ASTM E2112

Approved as complying with the
Florida Building Code
Date 02/20/14
NOA# 13-0815.06
Miami Trade Product Control
By [Signature]

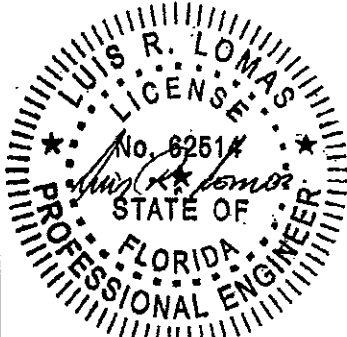
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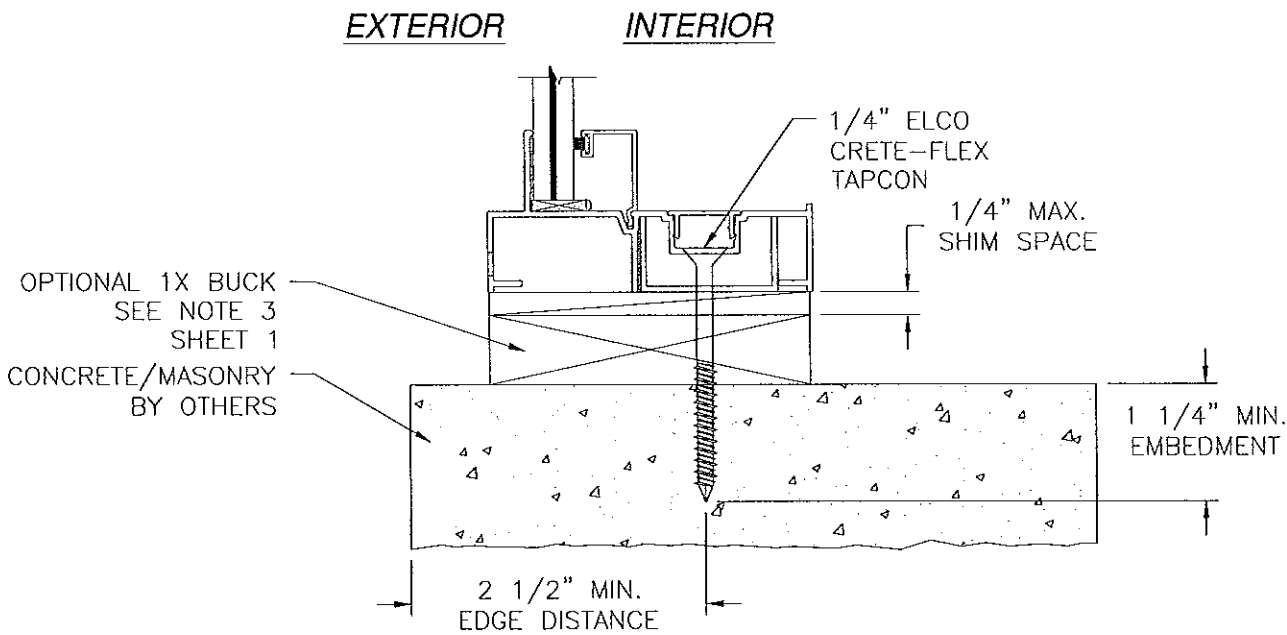
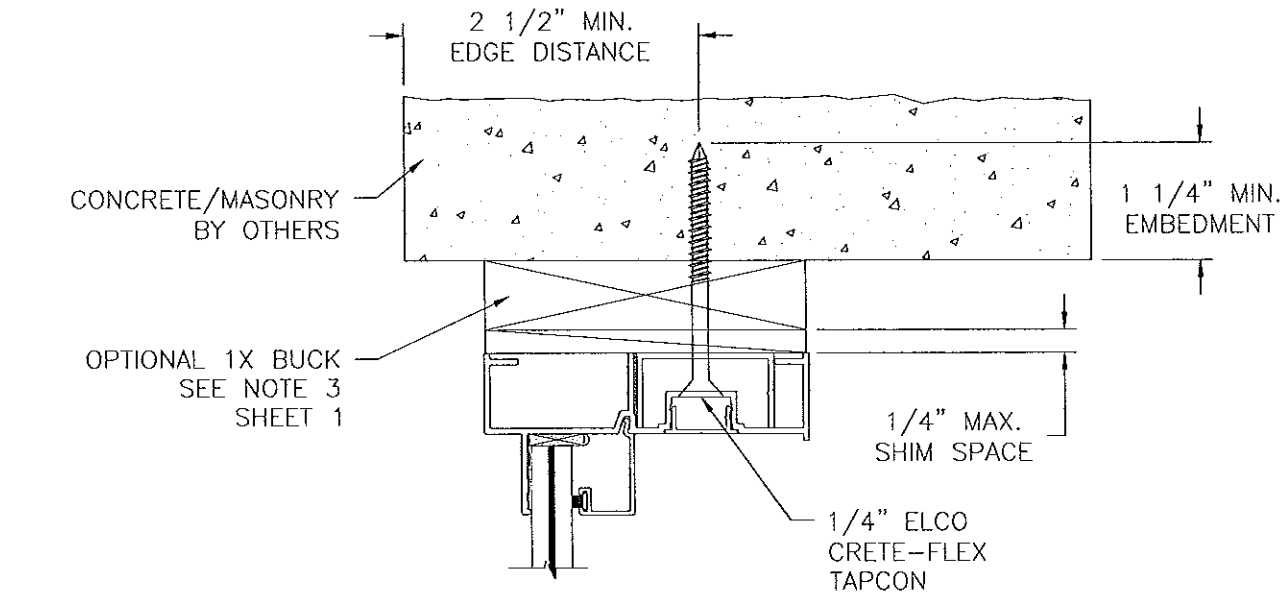
4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT - HVHZ
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-02138	REV A
SCALE NTS	DATE 07/17/13	SHEET 5 OF 9

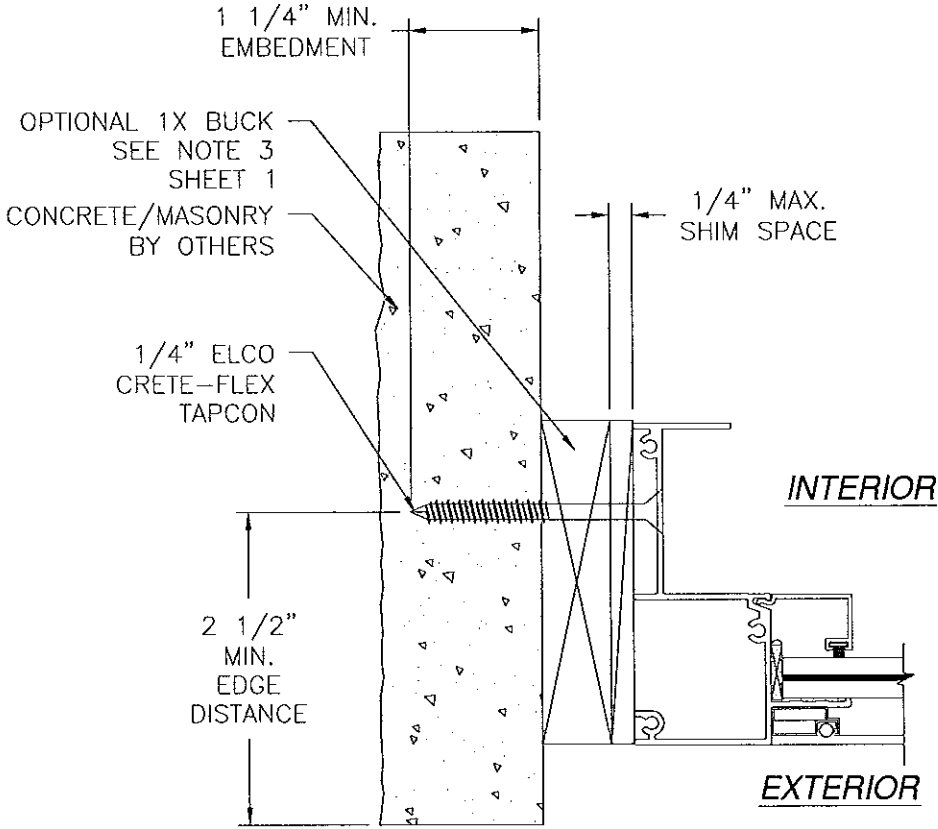
SIGNED: 02/21/2014



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.



A
6 VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



D
6 JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

NOTE:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS,
NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE
DESIGNED IN ACCORDANCE WITH ASTM E2112

Approved as complying with the
Florida Building Code
Date 02/03/14
NOA 13-0815.06
Miami Dade Product Control
By [Signature]

WinDoor

INCORPORATED

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4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT – HVHZ
INSTALLATION DETAILS

DRAWN: V.L.

DWG NO. 08-02138

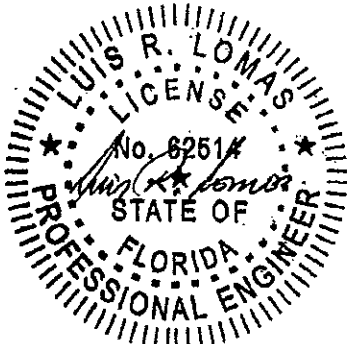
REV A

SCALE NTS

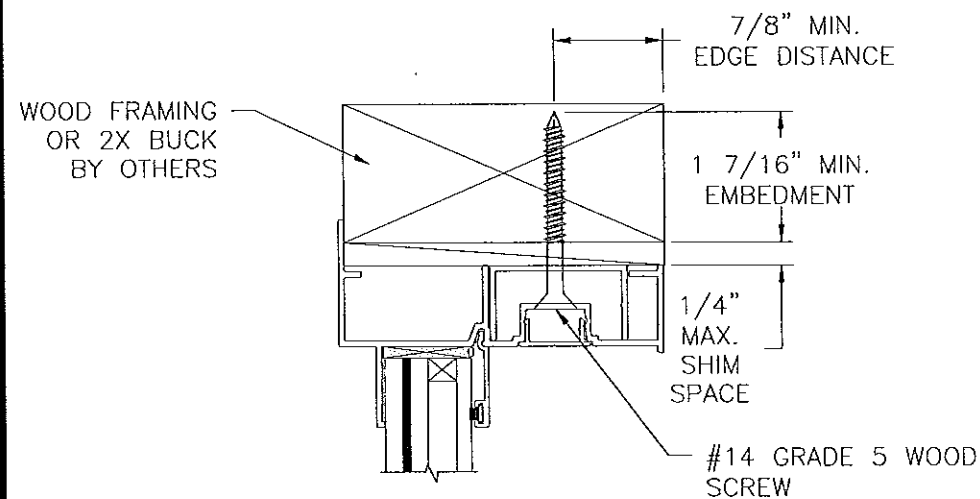
DATE 07/17/13

SHEET 6 OF 9

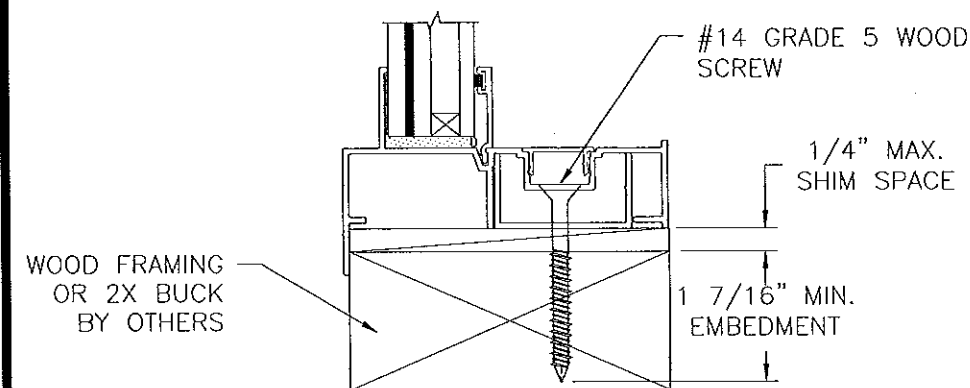
SIGNED: 02/21/2014



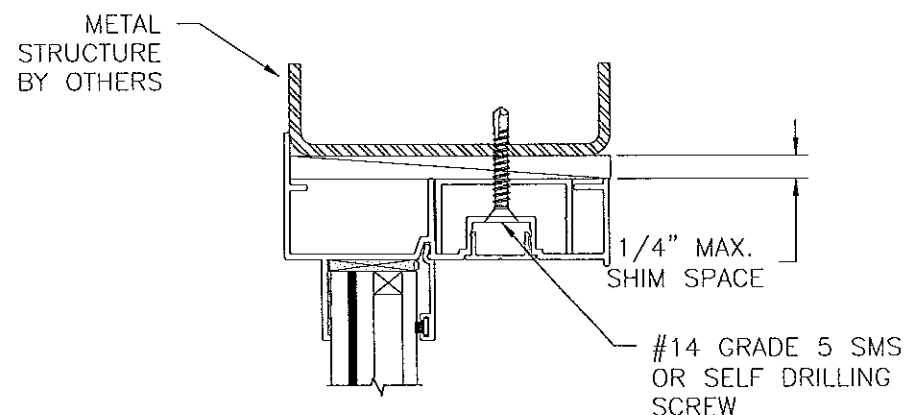
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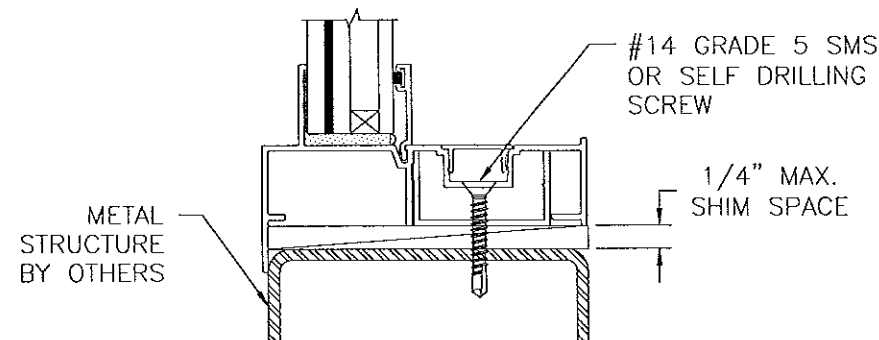
EXTERIOR INTERIOR



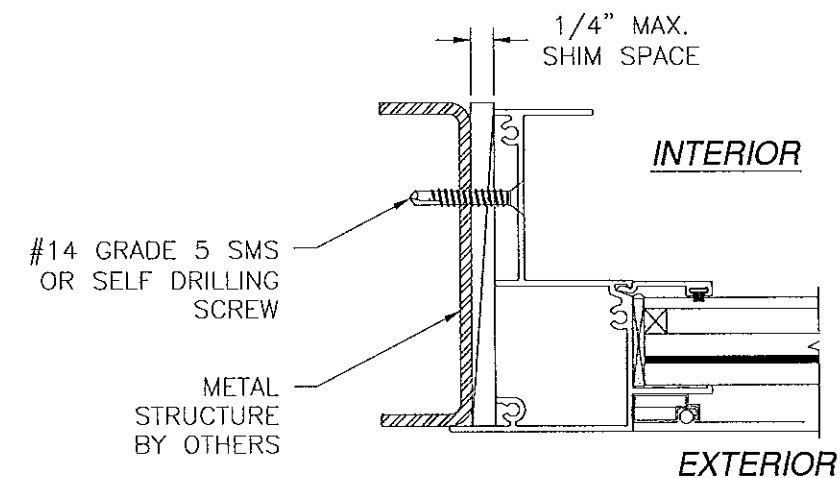
A
7 VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



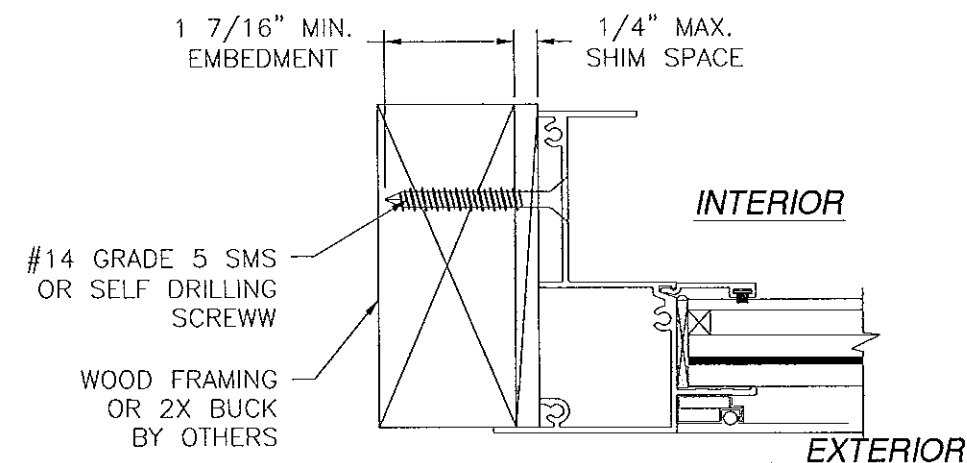
EXTERIOR INTERIOR



A
7 VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



D
7 JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR



D
7 JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

NOTE:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS,
NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE
DESIGNED IN ACCORDANCE WITH ASTM E2112

Approved as complying with the
Florida Building Code
Date 04/03/14
NOA# 13-0815.06
Miami Dade Product Control
[Signature]

WinDoor

INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT – HVHZ
FLANGE INSTALLATION DETAILS

DRAWN: V.L.

DWG NO. 08-02138

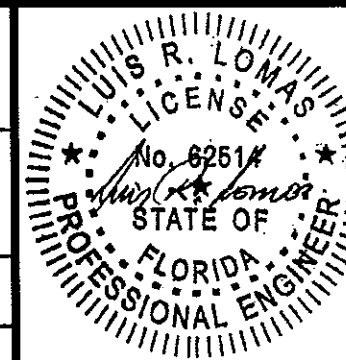
REV A

SCALE NTS

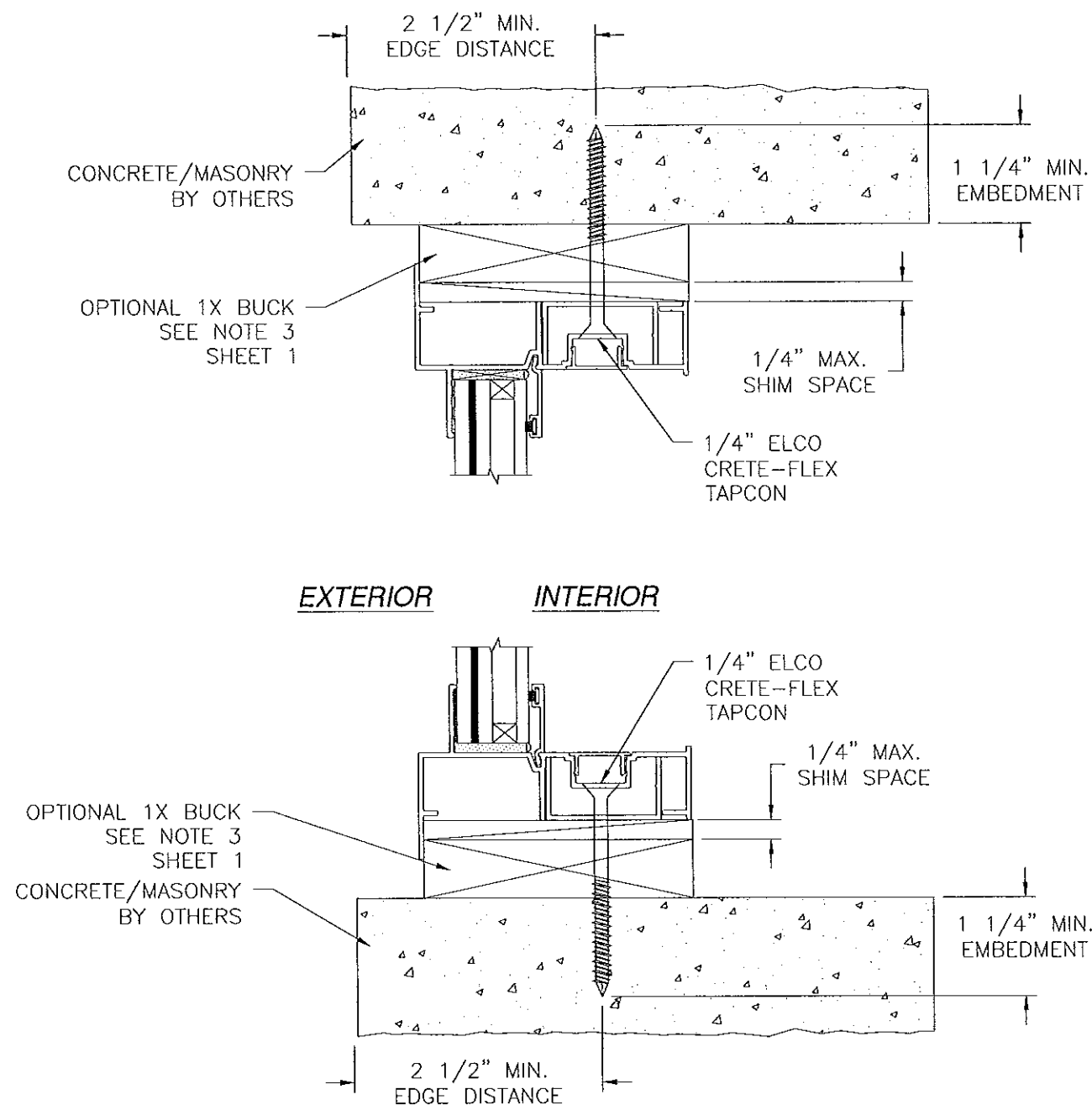
DATE 07/17/13

SHEET 7 OF 9

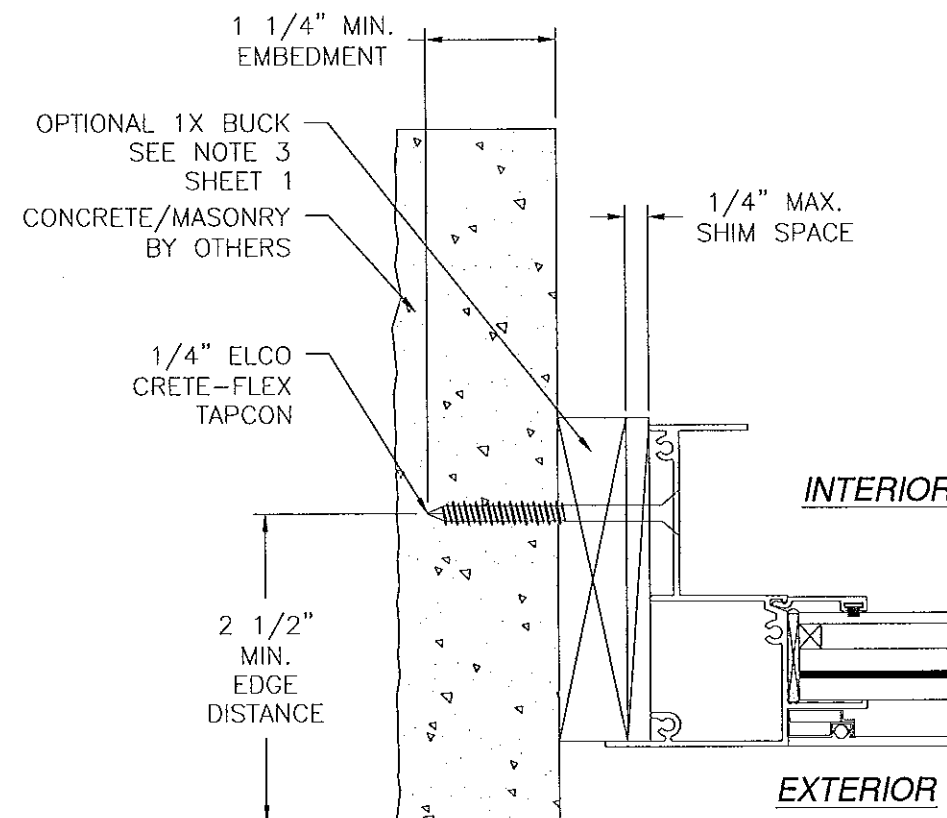
SIGNED: 02/21/2014



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.



A VERTICAL CROSS SECTION
8 CONCRETE/MASONRY INSTALLATION



D JAMB INSTALLATION DETAIL
8 CONCRETE/MASONRY INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

NOTE:
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NOAH 13-0815.06
Miami Dade Product Control
3y

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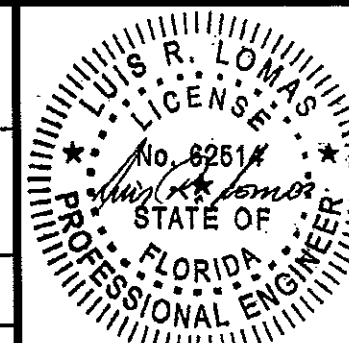
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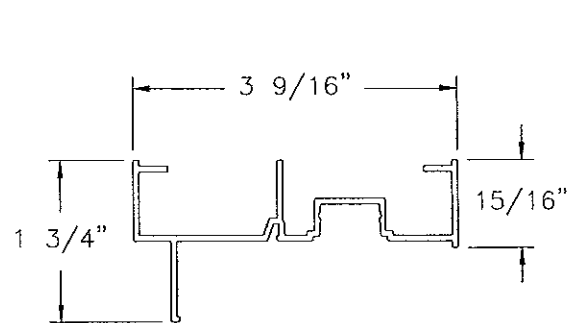
4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT – HVHZ
FLANGE INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-02138	REV A
SCALE NTS	DATE 07/17/13	SHEET 8 OF 9

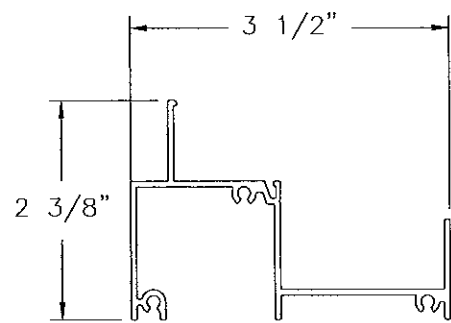
SIGNED: 02/21/2014



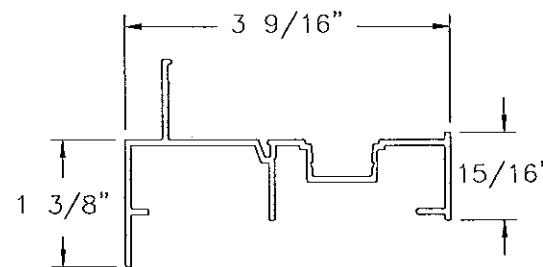
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REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.



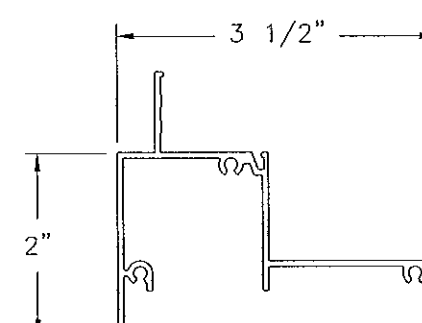
① **FRAME HEAD - EQ LEG W/ CHANNEL**
ALUMINUM 6063-T6 .062" THICK



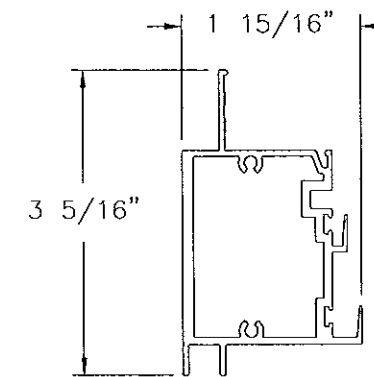
② **FRAME JAMB - EQ LEG**
ALUMINUM 6063-T6 .062" THICK



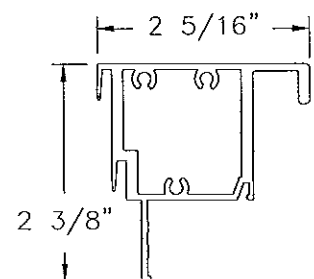
③ **FRAME HEAD FLANGE W/ CHANNEL**
ALUMINUM 6063-T6 .062" THICK



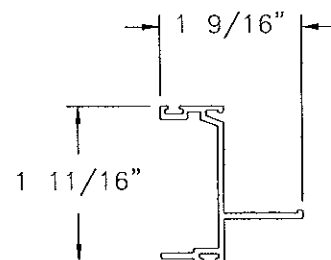
④ **FRAME JAMB FLANGE**
ALUMINUM 6063-T6 .062" THICK



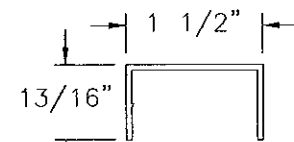
⑤ **FIXED MEETING RAIL**
ALUMINUM 6063-T6 .062" THICK



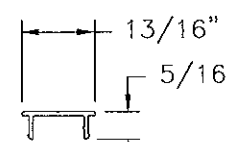
⑥ **MEETING RAIL**
ALUMINUM 6063-T6 .062" THICK



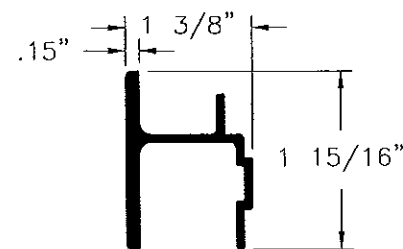
⑧ **SASH JAMB**
ALUMINUM 6063-T6 .070" THICK



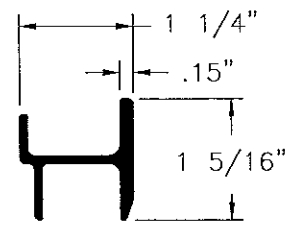
⑨ **HEAD FILLER**
ALUMINUM 6063-T6 .062" THICK



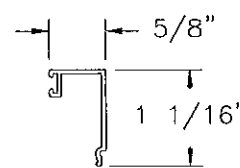
⑩ **JAMB TRACK COVER**
ALUMINUM 6063-T6 .040" THICK



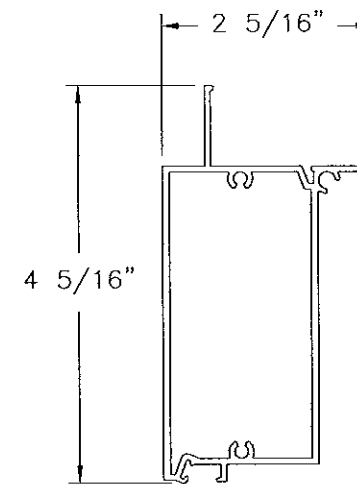
⑫ **FIXED RAIL REINFORCEMENT**
ALUMINUM 6063-T6 .090" THICK



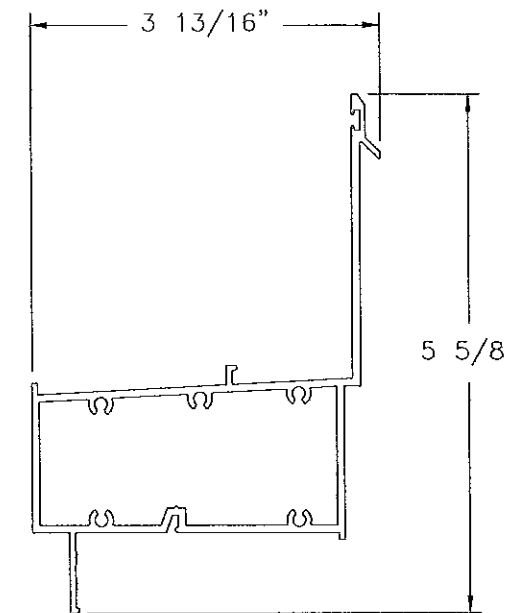
⑬ **SASH RAIL REINFORCEMENT**
ALUMINUM 6063-T6 .090" THICK



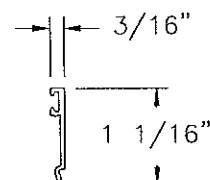
⑭ **7/16" GLASS STOP**
ALUMINUM 6063-T6 .040" THICK



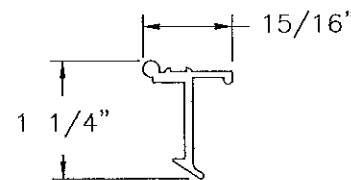
⑦ **BOTTOM RAIL**
ALUMINUM 6063-T6 .062" THICK



⑪ **HORIZONTAL IMPOST**
ALUMINUM 6063-T6 .080" THICK



⑮ **1" GLASS STOP**
ALUMINUM 6063-T6 .050" THICK



⑰ **SILL SNAP LOCK**
ALUMINUM 6063-T6 .090" THICK

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COMPONENTS

DRAWN:
V.L.

DWG NO.

08-02138

REV
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SCALE NTS

DATE 07/17/13

SHEET 9 OF 9

SIGNED: 02/21/2014

